

ABSTRACT OF THE DISCLOSURE

To obtain an original reading imaging optical system, with which a carriage integral type scanning system can be readily realized in an original reading system such as a digital copier for which high-speed performance and high resolution are required, and an image reading apparatus using the same. According to the present invention, by crossing optical paths in a reflection optical system, the more compact imaging optical system capable of coping with decentering error can be attained. Further, by crossing the optical paths on an object side from a diaphragm, the still more compact imaging optical system can be attained. As a result, the original reading imaging optical system of the carriage integral type scanning system and the image reading apparatus using the same can be provided.